evonik
Leading Beyond Chemistry

CALOSTAT® Pad: High-performance insulation for facades, roofs, basements, and underground parking garages

- CALOSTAT® Pad expands Evonik's portfolio of non-combustible, mineral-based, high-performance insulation materials
- A fiberglass mesh simplifies shipping, handling, and mounting
- Low thermal conductivity ($\lambda = 0.019$ W/m·K) allows for slim construction

Hanau, Germany. First officially unveiled and approved by the DIBt (German Institute for Construction Technology) in early 2021, CALOSTAT® Pad immediately became an Evonik success. Like the other products in the CALOSTAT® Group, CALOSTAT® Pad offers an impressive combination of exceptionally good insulation properties, non-combustibility, and recyclability.

CALOSTAT® Pad is an insulating material with a CALOSTAT® Pure core that has been compressed and sewn into a fiberglass mesh, which protects the core for easier shipping, handling, and mounting. CALOSTAT® Pad is particularly well-suited as an insulating material for facade elements, ventilated curtain walls, flat roofs and balconies, in building elements, for basement ceilings and underground parking structures, and for the optimization of technical building equipment.

Frank Gmach, marketing manager for Thermal Insulation at Creavis, Evonik's strategic innovation unit, explains the unique benefits of CALOSTAT® Pad: "CALOSTAT® Pad enables slim, safe, sustainable insulation. The new fiberglass mesh makes installing high-performance insulating boards even easier. In 2021, for example, we were able to insulate a number of major projects, especially in London." The use of CALOSTAT® reduces the amount of room required for insulation. As Gmach notes, "That means additional space that can be sold or rented for residential or commercial purposes. CALOSTAT® also lets you insulate areas where it wouldn't be possible at all without this high-performance insulation, or where you would have to make a lot of fairly dubious compromises."

More information, technical installation tips and interesting reference projects can be found on our website at https://www.calostat.com/de.

Oliver Jung (oliver.jung@evonik.com) and Tobias Wild-Blatt (tobias.wild-blatt@evonik.com) will be happy to assist you with any technical questions.

CALOSTAT® Pad in various thicknesses.
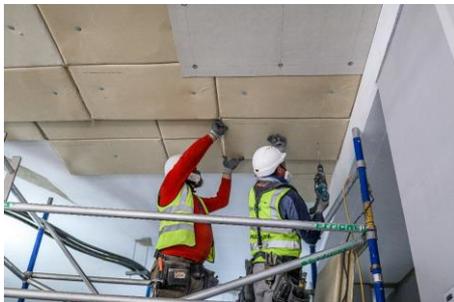
Installing CALOSTAT® Pad on a basement ceiling (One Nine Elms Street, London)

Thin, non-combustible insulation for the basement ceiling at One Nine Elms Street in London.

Source of all photos: Evonik

Company information

Evonik is one of the world leaders in specialty chemicals. The company is active in more than 100 countries around the world and generated sales of €12.2 billion and an operating profit (adjusted EBITDA) of €1.91 billion in 2020. Evonik goes far beyond chemistry to create innovative, profitable and sustainable solutions for customers. More than 33,000 employees work together for a common purpose: We want to improve life today and tomorrow.

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